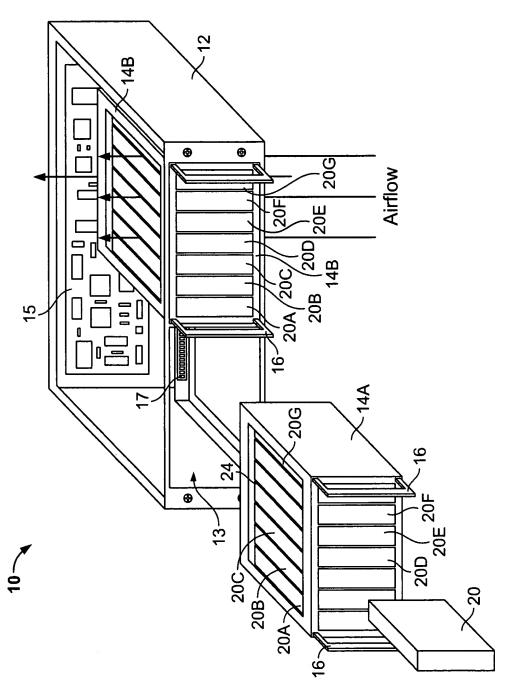
App No.: 09/822,192 Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

REPLACEMENT SHEET

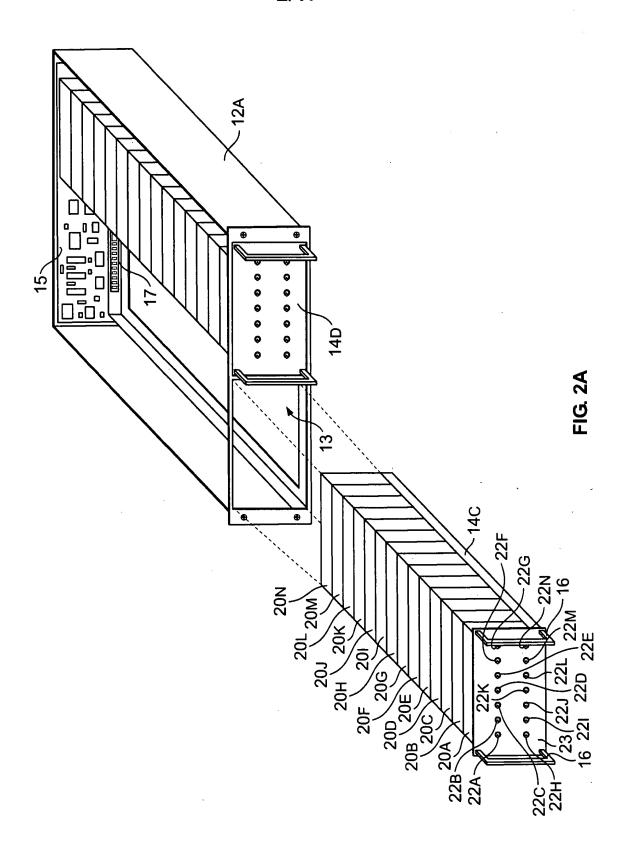
Docket No.: 249212014800



Docket No.: 249212014800

App No.: 09/822,192 Docket No.: 24921201
Inventor: William G. MOON et al.
Title: REMOVABLE DISK STORAGE ARRAY EMULATING
TAPE LIBRARY HAVING BACKUP AND ARCHIVE
CAPABILITY

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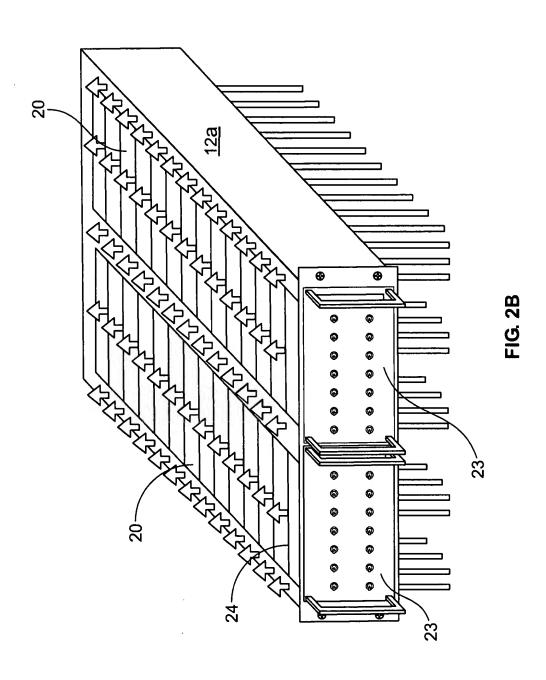


App No.: 09/822,192 Docket No.: 249212014800 Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

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Docket No.: 249212014800 App No.: 09/822,192 Inventor: William G. MOON et al. Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE CAPABILITY REPLACEMENT SHEET **4/17 22G** 22C 22E **22A** 24 16 Serial ATA Drive Serial ATA Drive. Serial ATA Drive Serial ATA Drive 20G Serial ATA Drive 20F Serial ATA Drive 20B Serial ATA Drive 20A -49A Drive Power Switched by Command Drive Power Switched by Command Drive Power Switched **Drive Power Switched Drive Power Switched Drive Power Switched Drive Power Switched** 49G by Command by Command by Command by Command by Command 48V to 5V and 12V DC to DC Converter 32E 32F 32D 32B 32A 32C 32G Serial ATA Connector Serial ATA Connector Serial ATA Connector Serial ATA Connector ~34A -46 Serial ATA Serial ATA Connector Connector Serial ATA Connector Connector Power Uses all drives simultaneously to store data Serial ATA Connector ~36A 48 Connector Power Power Switch Command All Drives On Serial ATA Host -38A Serial ATA Host Controller Serial ATA Host Serial ATA Host Serial ATA Host Controller Serial ATA Host Controller Serial ATA Host Controller Controller Controller Controller To Power Supply Target 49 SCSI -50 SCSI Host

16

14A

Active Data Storage Array with Serial ATA

34G

-36G

38G

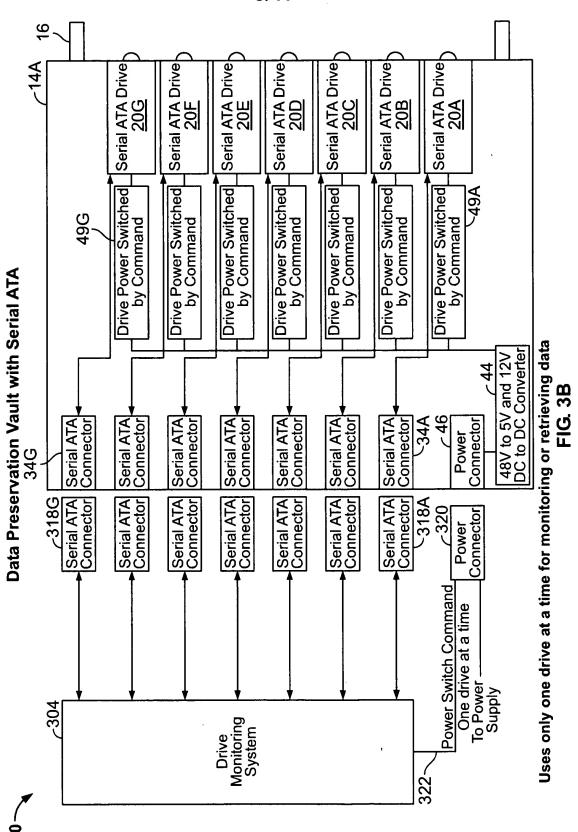
App No.: 09/822,192 Docket No.: 249212014800

Inventor: William G. MOON et al.
Title: REMOVABLE DISK STORAGE ARRAY EMULATING

TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

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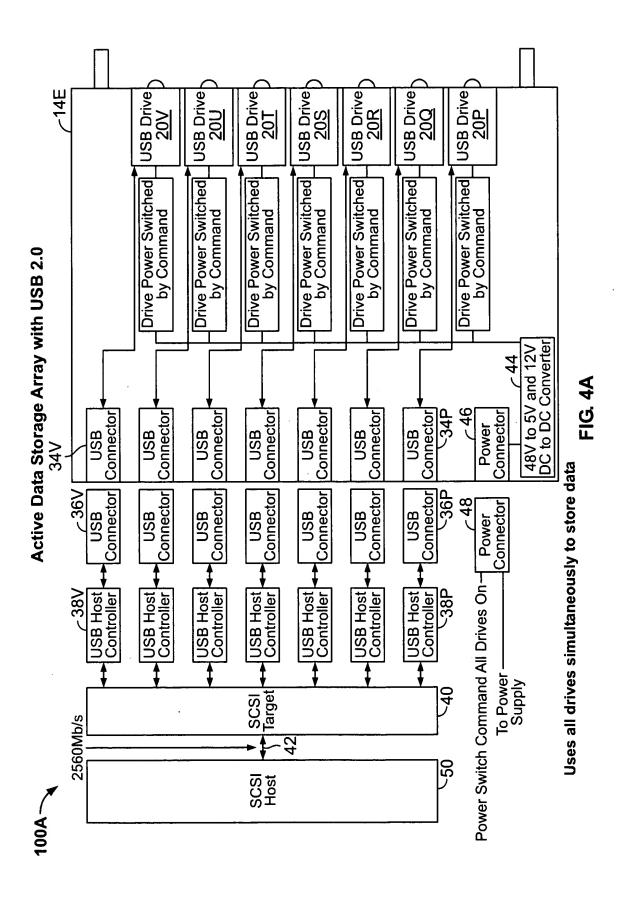


Docket No.: 249212014800 Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

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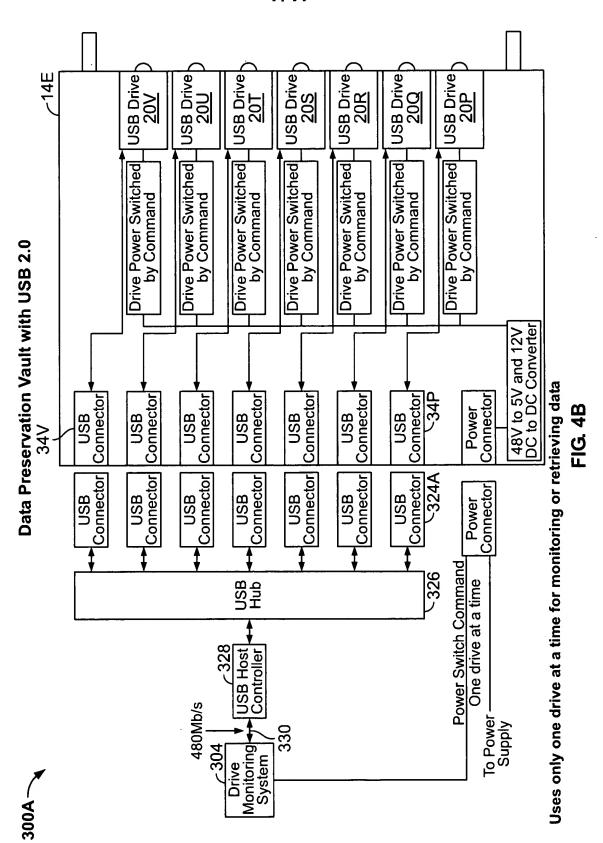


Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

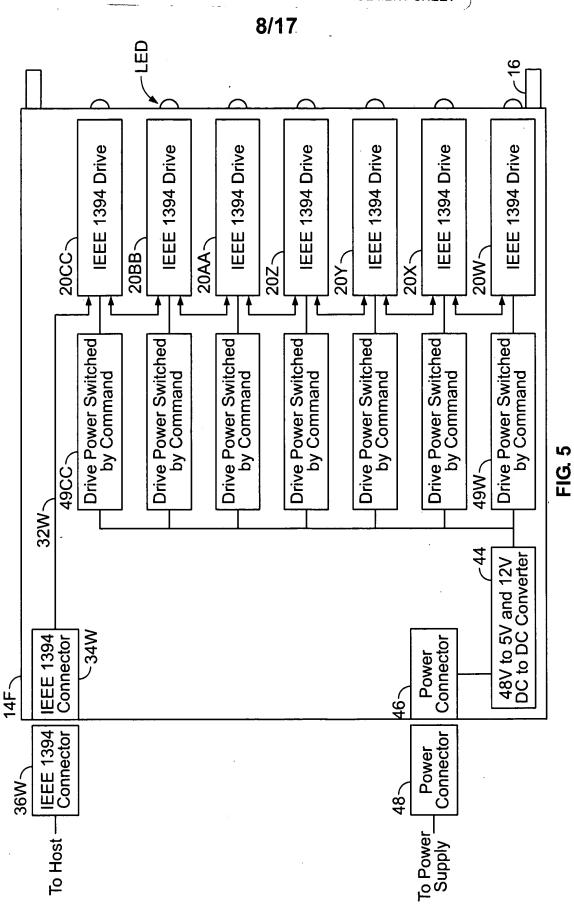
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App No.: 09/822,192 Docket No.: 249212014800 Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

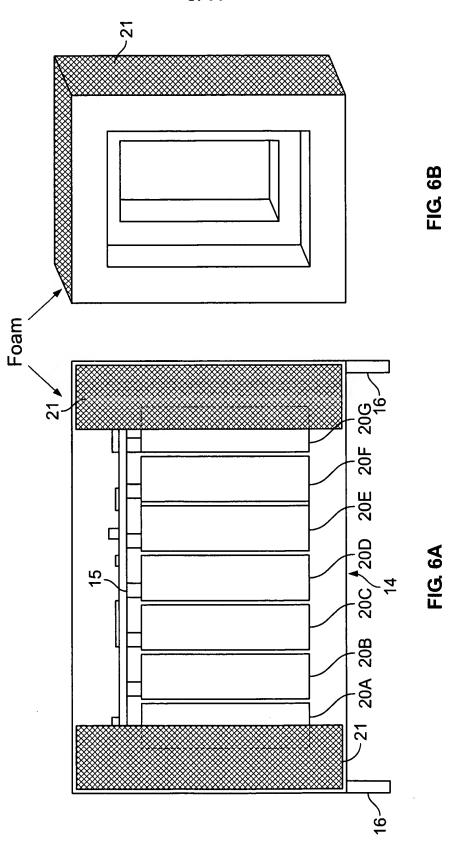


App No.: 09/822,192 Docket No.: 249212014800 Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

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App No.: 09/822,192 Docket No.: 249212014800

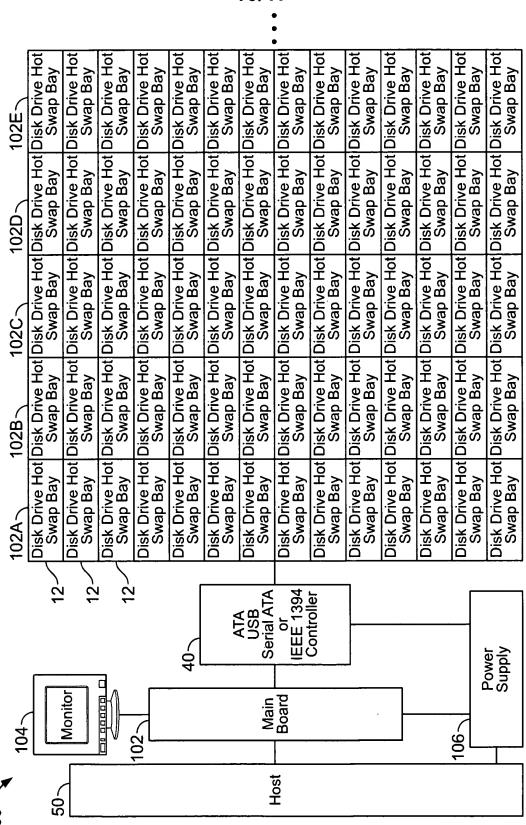
Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

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REPLACEMENT SHEET





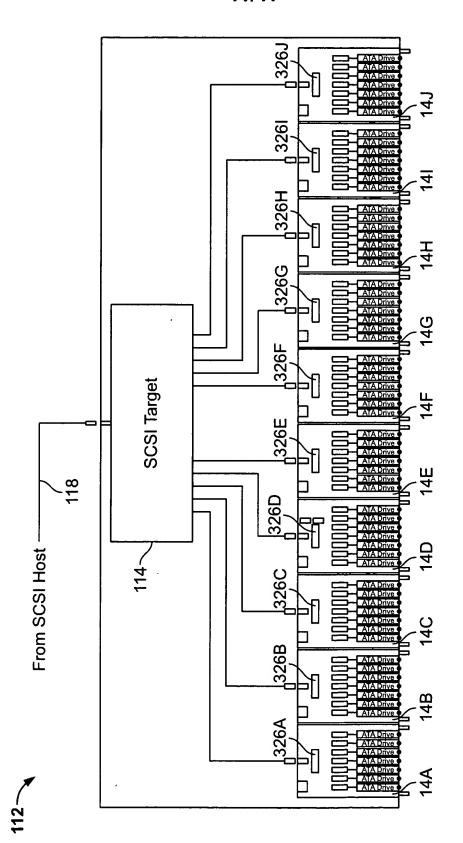
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App No.: 09/822,192 Docket No.: 24921201 Inventor: William G. MOON et al.
Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

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Docket No.: 249212014800

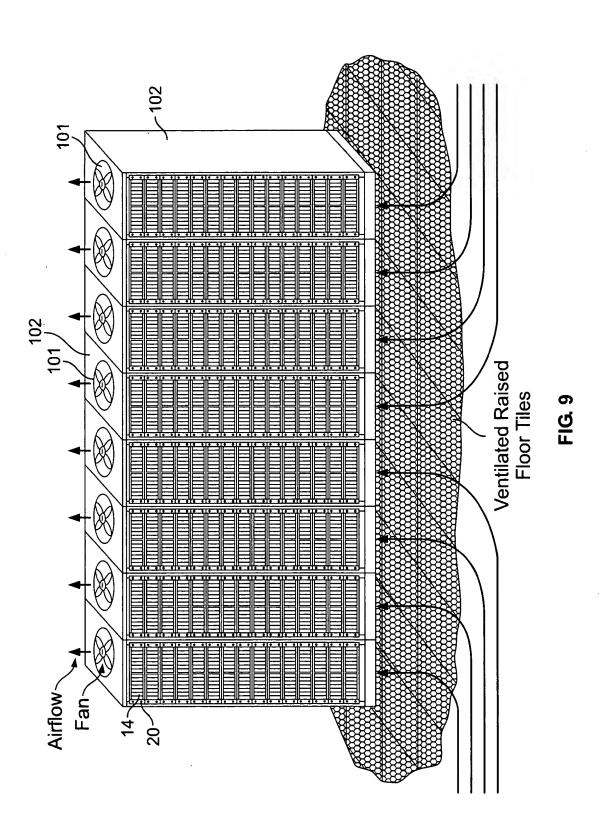


Docket No.: 249212014800 Inventor: William G. MOON et al.

Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

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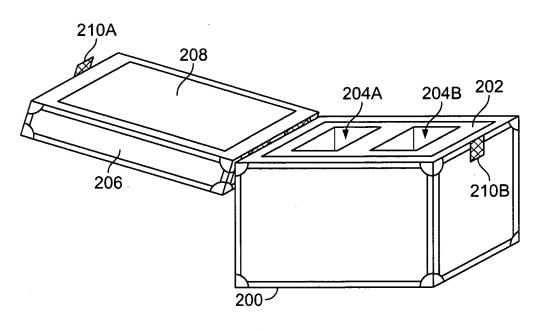


FIG. 10

Inventor: William G. MOON et al.

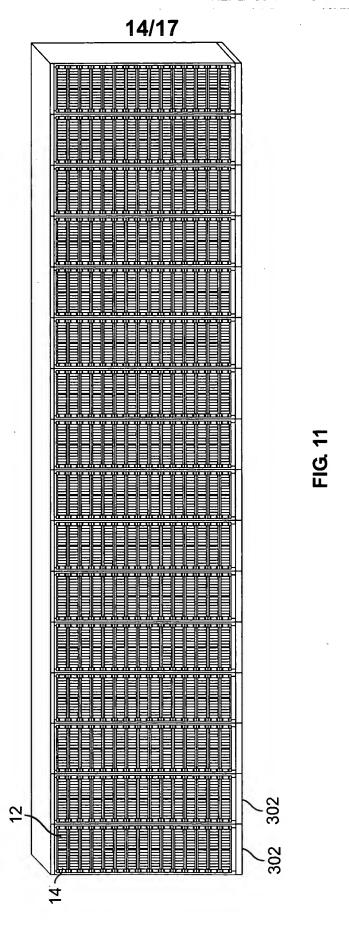
Title: REMOVABLE DISK STORAGE ARRAY EMULATING

TAPE LIBRARY HAVING BACKUP AND ARCHIVE

CAPABILITY

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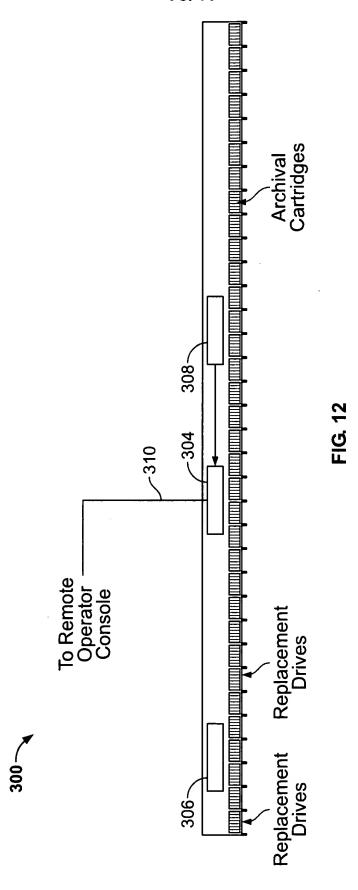
Docket No.: 249212014800



App No.: 09/822,192 Docket No.: 24921201
Inventor: William G. MOON et al.
Title: REMOVABLE DISK STORAGE ARRAY EMULATING
TAPE LIBRARY HAVING BACKUP AND ARCHIVE Docket No.: 249212014800

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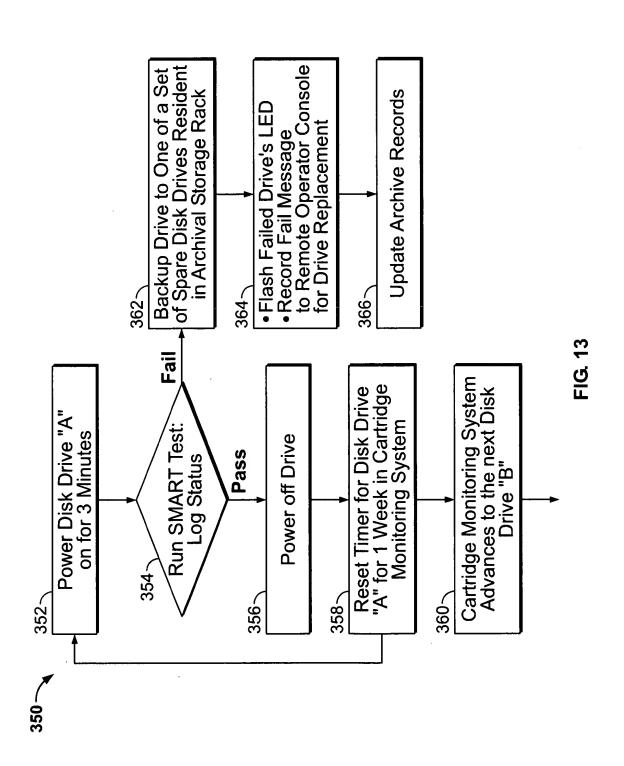
Inventor: William G. MOON et al.
Title: REMOVABLE DISK STORAGE ARRAY EMULATING

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Inventor: William G. MOON et al.

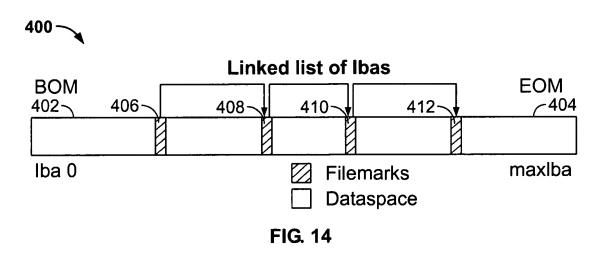
Title: REMOVABLE DISK STORAGE ARRAY EMULATING TAPE LIBRARY HAVING BACKUP AND ARCHIVE

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FileMark Block Structure

Byte	Description
0-7	Ascii "FILEMARK"
8	Major Version
9	Minor Version
10	Partition Number
11	Validily Byte 0 bit Mark Type 1 bit Previous filemark status 2 bit Next filemark status 3 bit Previous filemark is Master Record
12-15	Previous FileMark LBA
16-19	Next FileMark LBA
20-23	Block Size
24-509	Reserved
510	Two-Complement Checksum bytes (0-509)

FIG. 15

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